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 AN 134:8336 CA  
 TI Manufacture of microporous CaSiO<sub>3</sub> and heat-**insulating** dust  
 IN Wang, Cunxiao; Wang, Sheng; Wang, Baolong  
 PA Peop. Rep. China  
 SO Faming Zhuanli Shenqing Gongkai Shuomingshu, 4 pp.  
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 LA Chinese  
 IC ICM C04B035-22  
 CC 58-6 (Cement, Concrete, and Related Building Materials)  
 Section cross-reference(s): 57

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PI	CN 1253924	A	20000524	CN 1998-114493	19981118
AB	The CaSiO <sub>3</sub> is manufd. by mixing SiO <sub>2</sub> powder, <b>lime</b> paste, fiber reinforcing material, and water (1-3 times of the wt. of SiO <sub>2</sub> ), heating to 150-160.degree., gelatinizing, forming, hardening at 130-135.degree. and 0.7-0.8 MPa, cooling, and drying at 200.degree.. Preferably, the addn. of <b>lime</b> paste is 0.5-1.5 times of the wt. of SiO <sub>2</sub> ; and the fiber is asbestos with addn. of 4-5 times of the wt. of SiO <sub>2</sub> . The heat- <b>insulating</b> dust is manufd. from microporous CaSiO <sub>3</sub> and auxiliary materials selected from perlite, expanded vermiculite, foamed plastic particles, C balls, etc., where the addn. of auxiliary material is 1-6 times of microporous CaSiO <sub>3</sub> .				
ST	microporous <b>calcium silicate</b> heat <b>insulating</b> dust; <b>silica lime</b> asbestos microporous <b>calcium silicate</b> ; perlite vermiculite <b>calcium silicate</b> heat <b>insulating</b> dust; foamed plastic carbon heat				